



# भारत का राजपत्र

## The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 47] NEW DELHI, SATURDAY, NOVEMBER 23, 1996 (AGRAHAYNA 2, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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PATENTS AND DESIGNS

Calcutta, the 23rd November 1996

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## पेटेंट कार्यालय

एकस्य तथा अधिकस्य

कलकत्ता, दिनांक 23 नवम्बर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके पाटेंट अधिकार क्षेत्रों के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोली इस्टेट

मिसरा मल, लोअर परेल (पश्चिम),

बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोवा राज्य क्षेत्र एवं संघ शासित क्षेत्र दमन तथा दीव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

एकक नं. 401 से 405, तीसरा तल,

नगरपालिका बाजार भवन,

सरस्वती मार्ग, धरोल बाग,

नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र अण्डमान।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

61, बालासाह रोड,

मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिर्व द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),

विजयम पौलेश, दिल्ली राष्ट्रीय कार्यालय,

भवन. 5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की उदाहरणी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent bracket are the dates claimed under section 135, of the Patent Act, 1970.

21-08-96

1488/Cal/96 Sachiko Hayashi, "Water treatment process and system". (Convention No. 7-213864 on 23-8-95 & 8-1858 on 10th January, 1996 in Japan).

1489/Cal/96 W. Schlafhorst Ag & Co. "Method and device for monitoring of pneumatic splicing device (Tucking)". (Convention No. P-1953414.7 on 14-9-95 in Germany).

1490/Cal/96 Daewoo Electronics Co., Ltd., "Method for the formation of a thin film actuated mirror array". (Convention No. 95-25838 on 22-8-95 & 95-29932 on 14-9-95 in South Korea).

1491/Cal/96 Autosplice Systems, Inc., "Electrical Capacitor, capacitor parts and method of making". (Convention No. 08/519,950 on 28th August, 1995 in U.S.A.).

1492/Cal/96 On a Electro-Erosion, S.A., "Semi-watertight structure for sealing plate of an immersion wire electric discharge machine". (Convention No. 9601191 on 6th May, 1996 in Spain).

1493/Cal/96 Mcneil-Ppc, Inc., "Absorbent products". (Convention No. 08/522,772 on 1st September, 95 in U.S.A.).

1494/Cal/96 Mcneil-PPC, Inc., "Absorbent Article having complaint cuffs". (Convention No. 08/522,876 on 1st September, 1995 in U.S.A.).

1495/Cal/96 Mcneil-PPC, Inc., "Stabilized absorbent article". (Convention No. 08/522881 on 1-9-95 in U.S.A.).

1496/Cal/96 Aerothorn Corporation, "Rocket engine burner with porous metal injector for throttling over a large thrust range". (Convention No. 08/521,392 on 22-8-95 in U.S.A.).

22-08-96

1497/Cal/96 Daewoo Electronics Co. Ltd., "Pump housing and a manufacturing method therefor". (Convention No. 95-48130 on 9-12-95 in Korea).

1498/Cal/96 Brooke Bond Lipton India Limited, "Process for the manufacture of a food product".

1499/Cal/96 Danieli & C. Officine Meccaniche SPA, "Method to equalise the temperature in a heating furnace with a controlled-oxidisation ambient and heating furnace carrying out the method". (Convention No. UD 95A000175 on 13-9-95 in Italy).

1500/Cal/96 The Tensar Corporation, "Bonded composite knitted structural textiles". (Convention No. 08/520,018 on 28-8-95 in U.S.A.).

1501/Cal/96 Anil Krishna Kar, "Fibre reinforced concrete,  
23-08-96

1502/Cal/96 ICI India Limited, "An improved method of manufacture of water-in-oil emulsion explosive".

1503/Cal/96 Daewoo Electronics Co. Ltd., "Method for patterning a metal layer". (Convention No. 95-33525 on 30-9-95 in South Korea).

1504/Cal/96 Daewoo Electronics Co. Ltd., "Method and apparatus for encoding a contour image in a video signal". (Convention No. 96-27949 on 11-7-96 in South Korea).

1505/Cal/96 Allergan, "On-site syringe filling apparatus for viscoelastic materials, and corresponding method for on-site syringe filling".

1506/Cal/96 Jackson Wing, Allen Chen; Roy Chen; "High performance hydride electrode material and process for producing the same".

1507/Cal/96 Clover Corporation Pty. Ltd., "Composition and method".  
26-8-96

1508/Cal/96 Fine Organics Limited; Agro-Kanesho. Company Ltd; "Preparation of substituted thiazoles". (Convention No. 9518824.9 on 14-9-95 in United Kingdom).

1509/Cal/96 Universal Air Technology, Inc., "Photocatalytic air disinfection". (Convention No. 08/524,284 on 6th September, 1995 & 08/647,070 on 9th May, 1996 in U.S.A.).

1510/Cal/96 Hitachi Ltd., "Power conversion apparatus". (Convention No. 7-230990 on 8-9-95 in Japan).

1511/Cal/96 Hitachi, Ltd., "Liquid crystal display apparatus". (Convention No. 7-232317 on 11th September, 1995 in Japan).

1512/Cal/96 Steigerwald Arzneimittelwerk GmbH, "Method for the production of magnesium pyridoxal-5'-phosphate glutamate and intermediate products obtained thereby". (Convention No. 19532625.3 on 4th September, 1995 in Germany).

1513/Cal/96 Siemens AKTIENGESSELLSCHAFT, "Method for the control of means of transport". (Convention No. 19533127.3 on 7th September, 1995 in Germany).

1514/Cal/96 Siemens Aktiengesellschaft, "Process and circuit arrangement for transmitting received signals from an antenna to a base station of a radio system". (Convention No. 19533262.8 on 8-9-95 in Germany).

1515/Cal/96 Midrex International B. V. Rotterdam, Zurich Branch, "Circulating fluidized bed direct reduction system". (Convention No. 08/527,772 on 13-9-95 in U.S.A.).

1516/Cal/96 Germix Oy, "Method and apparatus for producing concrete elements". (Convention No. 954074 on 30-8-95 in Finland).

1517/Cal/96 Tetra Laval Holdings & Finance S.A. "A method of fastening a strip of thin sheet metal on a conical separation disc of thin sheet metal, and a separation disc provided in this manner with a strip of thin sheet metal". (Convention No. 9503092-0 on 8-9-95 in Sweden).  
27-08-96

1518/Cal/96 Haradhan Ghosal, "Circular rolling of rolled steel angle & tee in cold state using a specific set of die on three roll machine".

1519/Cal/96 Daewoo Electronics Co. Ltd., "Circuit for sensing communication state". (Convention No. 95-26842 on 28th August, 95 in Korea).

1520/Cal/96 Daewoo Electronics Co. Ltd., "Thin film actuated mirror array for use in an optical projection system".

1521/Cal/96 Siemens Aktiengesellschaft, "Housing for a sound absorber which can be connected to a compressor". (Convention No. 19534298.4 on 15-9-95 in Germany).

1522/Cal/96 Siemens Aktiengesellschaft, "Housing consisting of two housing halves for a side channel compressor". (Convention No. 19534296.8 on 15-9-95 in Germany).

1523/Cal/96 Siemens Aktiengesellschaft, "Side channel compressor". (Convention No. 19534296.8 on 15-9-95 in Germany).

1524/Cal/96 Siemens Aktiengesellschaft, "Chip Module". (Convention No. 19535989.5 on 27-9-1995 in Germany).

1525/Cal/96 Klone Aktiengesellschaft, "Earthing bracket, in particular for use in a connecting device for the telecommunication and data technique". (Convention No. 29515982.0 on 29-9-95 in Germany).

1526/Cal/96 Emitec Gesellschaft Fur Emmissions Technologie MBH, "Electrically heatable honeycomb body with stiffened current distribution structures". (Convention No. 19537131.3 on 5-10-95 in Germany).

1527/Cal/96 The Southern New England Telephone Co., "Hybrid communications and power cable and distribution method and network using the same". (Convention No. 08/519,998 on 28-8-1995 in U.S.A.).

1528/Cal/96 Western Atlas U. K. Limited, "Improved gate change facility". (Convention No. 9518293.7 on 7-9-95 in U.K.).

#### ALTERATION OF DATE U/S 16.

177109

Patent No. 1045/Cal/94 Ante dated to 21st April, 1993.

177110

Patent No. 550/Cal/92 Ante dated to 25th April, 1990.

#### COMPLETE SPECIFICATION ACCEPTED

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### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकस्थ को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी धिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) को फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा निश्चित करने के उपरान्त उसकी बहायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 55 E, Gr [XIX (1)], 32F<sup>2</sup>(b) IX(1) 177141

Int. Cl. : C 07. G-11/00, A 61 K-31/00, A 01 N-63/00.

A PROCESS FOR THE EXTRACTION OF A NOVEL SUBSTANTIALLY ANHYDROUS STABLE CRYSTALLINE CEFADROXIL CONTAINING UNIQUE PHYSICAL CHARACTERISTICS.

\* Applicants : LUPIN LABORATORIES LTD., 159 C.S.T. ROAD, KALINA, SANTACRUZ (E) BOMBAY-400 098, MAHARASHTRA, INDIA.

Inventor : 1. DR. PALA ANJI REDDY AND

2. DR. NIRANJAN LAL GUPTA.

Application No. 72/Bom/1993 filed on March 19, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

### 4 Claims

A process for the preparation of a novel crystalline cefadroxil the crystalline structure of which contains a level of

water of crystallization uniformly lower than that of cefadroxil hemihydrate and which possesses the following unique x-ray diffraction properties :

Spacings (A)	Relative Intensity
10.61	13.29
8.70	100.00
8.05	38.25
7.11	15.47
6.72	28.30
6.37	14.95
5.99	20.17
5.68	10.78
5.48	6.57
4.80	37.22
4.68	27.70
4.63	13.33
4.25	42.35
4.15	18.77
4.00	24.76
3.97	29.13
3.87	8.59
3.81	22.82
3.52	6.26
3.38	7.62
3.35	12.53
3.31	9.30
3.23	6.51
2.94	7.68
2.89	8.27
2.87	10.90
2.67	6.31
2.64	13.36
2.55	5.52

Which comprises slurring a cefadroxil amide solvate in a solvent system comprising methanol and isopropyl alcohol in the range of 40% to 80% v/v and water in the range of 1% to 10% v/v and separating in any known manner the resultant substantially anhydrous crystalline cefadroxil.

Ind. Cl. : 40 B Gr. [IV(1)] 177142.

Int. Cl. B 01 J—23/16, 23/22 & 23/28.

A PROCESS FOR THE PREPARATION OF VANADIUM MOLYBDENUM BASED CATALYST FOR USE IN THE MANUFACTURE OF AROMATIC NITRILES.

Applicant : ARMOUR CHEMICALS LIMITED AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT 54-A, M. VASANJI ROAD ELITE AUTO BLDG. ANDHERI (EAST) BOMBAY-400 093, MAHARASHTRA, INDIA.

Application No. 76/Bom/93 filed on 15-03-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

07 Claims

A process for the preparation of a Vanadium Molybdenum based catalyst for use in the manufacture of aromatic nitriles comprising:

(a) preparing a solution of vanadium salt or vanadium oxide in water;

(b) adding a weak acid to the said solution in the ratio of salt solution to acid 1: 2 to 4 by wt.

(c) thoroughly mixing the salt or oxide solution and the acid to obtain a uniform mixture;

(d) heating the mixture of step (c) above to temperatures in the range of 50° to 60°C;

(e) adding a salt solution of Mo or a solution of Mo O<sub>3</sub> in water to the hot solution of step (d) with constant stirring till a uniform slurry is obtained;

(f) evaporating the water to obtain a thick slurry;

(g) adding a catalyst support material in the solid state in the required shape and size and mixing the same till a final mass is obtained.

(h) drying the mass of step (g) and

(i) calcining the dried mass at temperature in the range of 450 to 550°C.

Complete specification—16 pages;

Drawing—Nil

Ind. Cl.: 48 A 5 Gr [L VIII (3)]

177143.

Int. Cl.: H 01 B-11/00.

A CABLE FOR ELECTRONIC EQUIPMENT.

Applicant & Inventor: AJAY BABURAO SHIRKE INDIAN NATIONAL OF 72-76, INDUSTRIAL ESTATE, MUNDHWA PUNE-411 036, MAHARASHTRA-INDIA.

Application No.: 117/Bom/93 with Provisional specification filed on 22-04-93.

Complete after Provisional Specification filed on 24-06-94.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch Bombay-13.

08 Claims

A cable for electronic equipment, which includes a first set containing at least one elongate electrically conductive element interspersed with a second set containing at least one electrically conductive element, each element member of the first set being electrically insulated from each other and from every element member of the second set and each member of the second set being electrically connected to every other member of the second set and being electrically insulated from every member of the first set, such that in use the current flow in the first set is in one direction, and the current flow in the second set is in the opposite direction, enabling the magnetic field, created by the first set, to cancel the magnetic field created by the second set, thereby at least substantially reducing the inductivity of the cable.



Provisional specification 05 pages

Drg. 01 sheet

Complete specification 11 pages

Drgs 03 sheets.

Ind. Cl.: 40 B[IV (1)]

177144

Int. Cl.: B01J--37/36.  
C12 N--11/14.

A METHOD OF MAKING A BIOCATALYST FOR THE PREPARATION OF INVERT SUGAR SYRUP FROM AQUEOUS SUCROSE SOLUTION.

Applicant: BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, BOMBAY 400085, MAHARASHTRA, INDIA, A SCIENTIFIC INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA.

Inventor: DR. SAILEN GHOSH.

Application No.: 27/Bom/94 filed on 25-01-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-13.

3 Claims

A method for making a biocatalyst for the preparation of invert sugar syrup from aqueous sucrose solution consisting of mixing 12-25% by weight of the micro-organism *Saccharomyces cerevisiae* and 60 to 80% by weight of an inert non-toxic biocompatible carrier with 8 to 15% by weight of water followed by heating the resulting mixture at 50 to 70°C and curing at room temperature.

(Compl. Specn. 4 pages:

Drwgs. NIL)

Ind. Cl.: 40 A: [IV (1)]

177145

Int. Cl.: C 12 P-19/02.

A CONTINUOUS SINGLE STEP BIOCATALYTIC PROCESS FOR THE PREPARATION OF INVERT SUGAR SYRUP FROM AQUEOUS SUCROSE SOLUTION AND A BIOREACTOR FOR CARRYING OUT THE SAME.

Applicant: BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, BOMBAY-400 085, MAHARASHTRA, INDIA, A SCIENTIFIC INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA.

Inventor: DR. SAILEN GHOSH.

Application No. 28/BOM/94 filed on 25-1-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-400 013.

4 Claims

A continuous single step Biocatalytic process for the preparation of invert sugar syrup from aqueous sucrose solution consisting of passing an aqueous sucrose solution (upto 80% w/v) at pH 5-8 through a bio-catalyst bed at 20 to 60°C, said bio-catalyst bed comprising enzyme invertase derived from 12--25% by weight of the micro-organism *Saccharomyces cerevisiae* immobilized on 60--80% by weight of an inert non-toxic biocompatible carrier.

(Comp. Specn. 8 pages:

Drw. 1 Sheet).

Ind. Cl.: 55E.

177146

Int. Cl.: A 61 K 35/78.

AN IMPROVED PROCESS FOR THE PREPARATION OF THE HERBAL TONIC FORMULATION.

Applicants: M/s. J. B. CHEMICALS & PHARMACEUTICALS LIMITED AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT 'VEEFLAM CENTRE' B, WING, 4TH FLOOR, HIND CYCLE ROAD, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHRI SHIRISH BHAGWANLAL MODY  
(2) DR. MADHUKANT MANSUKHLAL JOSHI  
(3) SHRI MILIND MAHAJAN

Application No. 105/Bom/95 filed on 7-3-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-400 013.

### 3 Claims

An improved process for the preparation of a liquid syrup of therapeutically effective herbal ingredients designed or intended to provide relief as a tonic in general debility, loss of appetite, stress and fatigue comprising of herbal ingredients as herein stated in this specification, comprising of the following steps :

- (i) 400 L of purified water is transferred to stainless steel jacketed vessel, boiled, cooled to 80°C to which are added 2 kg sodium Methyl Paraben, 1 kg of Sodium Propyl Paraben and 1 kg of Sorbic Acid;
- (ii) 700 kg of Sucrose is added to the mixture prepared by step (i) stirred continuously till sucrose dissolves completely, 100 kgs of Sorbitol solution (70%) is added to it, mixed thoroughly for 10 minutes;
- (iii) 70 L of purified water is transferred to another Stainless Steel Vessel, boiled for 10 minutes, cooled to 80°C to which is added 7 kgs of sodium benzoate, this mixture is stirred completely till it dissolves;
- (iv) requisite quantities of different herbal extracts as described in the description are transferred to separate Stainless Steel vessels to which is added sufficient amount of sodium Benzoate Solution to each one of the ingredient, this mixture is mixed with a shovel to allow the extract to dissolve;
- (v) different extract solutions are transferred to stainless steel vessel, stirred and mixed, the mixture is kept for 18 hours at a temperature ranging between 18—25°C, filtered through sparkler filter, the filtered extract is transferred to sugar syrup as prepared in Step (ii), the herbal extract syrup is stirred, mixed thoroughly for 30 minutes and cooled;
- (vi) the sparkler filter is cleaned; the sugar syrup as prepared in step (ii) is filtered through it, transferred to another Stainless Steel Vessel, to which is added sufficient quantity of Citric Acid dissolved in 3L of boiled and cooled water to adjust the pH between 4.5—5.5;
- (vii) requisite quantity of colour is dissolved in 3L of boiled and cooled water, herbal syrup requisite quantity of essence is added thereto, stirred for 10 minutes, mixed thoroughly, sufficient quantity of boiled and cooled water is added to the herbal syrup to make the volume to 2000 L, stirred, mixed thoroughly, out of which, 10 L of syrup is collected from the bottom valve of Stainless Steel Vessel and added from the top of the vessel, this step is repeated, the solution is mixed for 30 minutes to ensure homogeneous syrup and the product so obtained is finally tested for quality standards.

(Comp. Specn. 18 pages;

Drugs. Nil.)

Ind. Cl. : 55 E 4 [XIX (1)]

177147

Int. Cl. : C 07 C. 85/06.

AN IMPROVED PROCESS FOR THE PREPARATION OF 1-(2,6-DIMETHYL PHENOXY)-2-AMINO PROPANE AND ITS ACID ADDITION SALTS THEREOF.

Applicants : M/S. I. B. CHEMICALS & PHARMACEUTICALS LTD. NEELAM CENTRE, "B" WING, 4TH FLOOR HIND CYCLE ROAD, WORLI, BOMBAY-400025 MAHARASHTRA, INDIA.

Inventors : (1) SHIRISH BHAGWANLAL MODY.

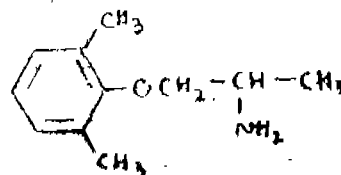
(2) BHARAT PRAVINCHANDRA MEHTA.  
(3) KAMLESH LALITCHANDRA UDANI.  
(4) DR. RAJENDRA NAMDEV MAHAJAN.  
(5) DR. MUKESH VENUBHAI PATEL.

Application No. 157/Bom/94 filed Apr 13, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay.

### 4 Claims

An improved process for the manufacture of 1-(2,6-dimethyl phenoxy)-2-amino propane, represented by the formula given below (1A).



and its acid addition salts thereof preferably hydrochloride comprising of :—

reacting 2, 6 dimethyl phenol with chloroacetone in methanol and a base such as sodium hydroxide, the reaction mixture on treatment with hydroxyl amine hydrochloride gives the corresponding oxime, which is hydrogenated in presence of an alcohol to give a compound of formula (1A) as given above.

(Comp. Specn. 8 pages;

Drwg. Nil.)

Ind. Cl. : 55E, Gr. [XIX (1)]

177148

Int. Cl. : C07 D—215/56

A 61 K—31/47

AN IMPROVED PROCESS FOR THE PREPARATION OF 1-ETHYL-6, 8-DIFLUORO-1, 4-DIHYDRO-7-(3-METHYL-1-PIPERAZINYL)-4-OXOQUINOLINE-3-CARBOXYLIC ACID AND ITS SALTS.

Applicant : M/S. I. B. CHEMICALS & PHARMACEUTICALS LTD. NEELAM CENTRE, "B" WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA, AN INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT.

Inventors : (1) SHRI SHIRISH BHAGWANLAL MODY.

(2) SHRI BHARAT PRAVINCHANDRA MEHTA.  
(3) DR. MUKESH VENUBHAI PATEL.  
(4) DR. ATUL ANANT SHRIKHANDE.  
(5) DR. RAJENDRA NAMDEV MAHAJAN.

Patent Application No. 168/Bom/94 filed on 19-4-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-400 013.

### 3 Claims

An improved process for the preparation of 1-Ethyl-6, 8-difluoro-1, 4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxoquinoline-3-carboxylic acid represented by formula I, and its pharmaceutically acceptable addition salts, comprising of reacting Ethyl 1-ethyl-6, 7, 8-trifluoro-1-4, dihydro-4-oxoquinoline-3-carboxylate with 2-methyl piperazine by heating to 60-70°C.

in presence of pyridine the product obtained is extracted and isolated by evaporation, and the ester is hydrolysed with HCL and isopropyl alcohol.

Application No. 147/Bom/1995 filed on 29 Mar. 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

### 3 Claims

A method of making a novel pizza topping, which comprises the steps of

soaking noodles in water and lightly frying the noodles until they are crisp;

pouring sheuzwan sauce on the noodles;

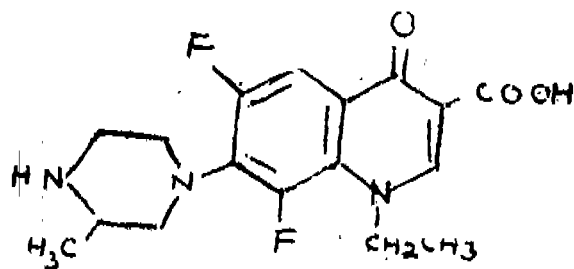
sprouting beans;

sprinkling the salt and flavourings into the beans sprouts;

adding the bean sprouts to the noodles and sheuzwan sauce;

slicing the tomato and slicing the onion into ring form;

placing tomato slices and onion rings on the mixture of noodles and beans sprouts.



(I)

(Compl. Specn. 8 pages,

Drgs. Nil.)

Ind. Cl. : 55 E 4

177149

Int. Cl. : A 61 K—31/475

AN IMPROVED PROCESS FOR THE PREPARATION OF HERBAL GROWTH AND VITALITY TONIC FORMULATION.

Applicant : M/S. J. B. CHEMICALS & PHARMACEUTICALS LTD., AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT "NEELAM CENTRE", 'B' WING, 4TH FLOOR, HIND CLCYE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHRI SHIRISH BHAGWANLAL MODY.  
(2) SHRI BHARAT PRAVINCHANDRA MEHTA  
(3) SHRI PRANABH DINESH MODY  
(4) DR. SHASHIKANT AVANTILAL VASADAVA

Application No. 184/Bom/94 filed on 27-4-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-400 013.

### 4 Claims

An improved process for the preparation of Herbal growth and vitality tonic formulation comprising of the following steps.

Each of the herbal ingredient as stated in the examples is graded, the extraneous material is removed manually, each of the herbal ingredient is shredded and powdered in a hammer mill, the requisite quantity of the herbal ingredient is blended in a mixer, this mixture is mixed with a solvent in a stainless steel jacketted vessel provided with a stirrer and is stirred for about 4 hours, if necessary, more of solvent is added to get the consistency of a slurry which is further stirred continuously for 18-20 hours, the extract is filtered and the residual mass is remarceted and re-extracted in a similar manner for a period of 12-14 hours, the extract is then filtered, the residual mass is pressed in a press to recover absorbed extract which is filtered, all the filtered extracts are mixed which is concentrated in a thin film vaporiser under reduced pressure at a lower temperature ranging between 45-55°C, the extract is concentrated to the required consistency or spray dried.

(Compl. Specn. 10 pages,

Drgs. Nil.)

Ind. Cl. : 83 A1 [XIV (5)]

177150

Int. Cl. : A 23 L 1/00

A METHOD OF MAKING A NOVEL PIZZA TOPPING.

Applicants & Inventors : Dr. NEETA SARATYA 7 HIRA KUNJ, AAREY ROAD, GOREGAON (W), BOMBAY-400062, MAHARASHTRA, INDIA.

Ind. Cl. : 55 E4

177151

Int. Cl. : C 07 B-57/00

A PROCESS FOR THE PREPARATION OF 1, 4-DIHYDOPYRIDINFDICARBOXYLIC ESTERS.

Applicant's : M/s. UNIQUE PHARMACEUTICALS LABORATORIES LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT SHETH GOVINDRAO SMRITI, 83 B & C DR. A. B. ROAD WORLI, BOMBAY-400 019, MAHARASHTRA, INDIA.

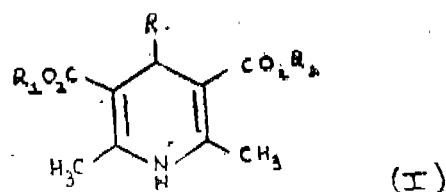
Inventors : (1) SHRI BHARAT PRAVINCHANDRA MEHTA (2) SHRI KAMALESH L. UDANI (3) DR. KRISHNA RAMCHANDRA SOLANKI.

Application No. 186/Bom/94 filed on 27-4-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

### 9 Claims

A process for the preparation of a 1, 4-dihydropyridine of the formula.



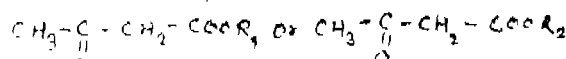
(I)

wherein

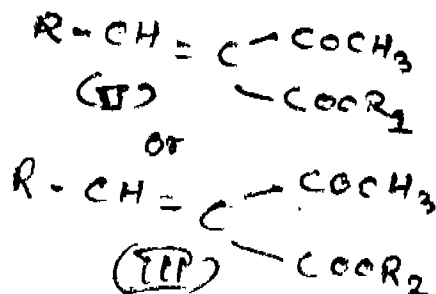
R is a phenyl radical which is optionally substituted once or twice by nitro and/or chlorine.

R<sub>1</sub> is a C<sub>1</sub>-C<sub>4</sub> alkyl radical which is optionally substituted by a C<sub>1</sub>-C<sub>4</sub> alkoxy group, and

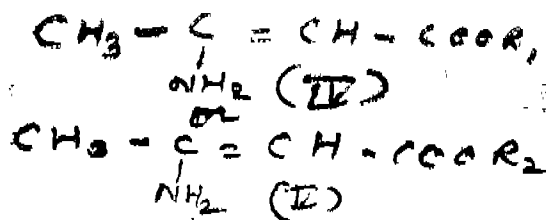
R<sub>2</sub> is a C<sub>1</sub>-C<sub>4</sub> alkyl radical which is optionally substituted by a C<sub>1</sub>-C<sub>4</sub> alkoxy group a trifluoromethyl group or the radical (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>) (H<sub>2</sub>) N-comprising reacting ketocarboxylic ester of formula.



with an aldehyde of the formula  $RCHO$  wherein  $R$  is substituted phenyl in an aliphatic alcohol as solvent in the presence of a catalytic amount of 0.01 to 0.7 moles piperidine acetate at a temperature ranging from about  $-10^{\circ}C$  upto  $100^{\circ}C$ , to get vlidene



compound of formula given above, which was subsequently reacted with enamine compound of formula..



wherein R is 2 or 3-nitrophenyl radical, 2 or 3-chlorophenyl radical or 2, 3-dichlorophenyl radical, R1 is methyl, ethyl, propyl isopropyl, isobutyl or propoxyethyl radical, and R2 is methyl, ethyl, propyl isopropyl, isobutyl, n-decyl, methoxyethyl, propoxyethyl, trifluoromethyl, or the radical (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>) (CH<sub>3</sub>) N-

Ind. Cl. : 55 E4 [XIX (1)]

177152

Int. Cl. : A 61 K-31/375

# AN IMPROVED PROCESS FOR THE PREPARATION OF THE EXTRACT OBTAINED FROM THE AYUR VEDIC MEDICINAL PLANT "AMALAKI".

Applicants : M/s. J.B. CHEMICALS & PHARMACEUTICAL LTD. "NEELAM CENTRE", 'B' WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHIRISH BHAGWANLAL MODY (2) BHARAT PRAVINCHANDRA MEHTA (3) PRANABH DINESH MODY & (4) DR. SHASHIKANT AVANTILAL VASAVADA.

Application No 227/Bom/1994 filed on May 18, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

## 7 Claims

An improved process for the manufacture of an extract obtained from Ayurvedic Medicinal Plant "Amalaki" (*Embelia Officinalis*), comprising of grading the fruit of the plant.

the extraneous material is removed manually, the graded fruit is shredded and powdered in a hammer mill. the powdered fruit is mixed with extracting solvent in a stainless steel jacketed vessel provided with a stirrer. the mixture is stirred vigorously for about 4-5 hrs, more of such extracting solvent is added to convert the above mixture into a slurry. the slurry is stirred vigorously for about 18-20 hr. the extract is filtered and the residue is extracted with the extracting solvent by stirring vigorously for 10-12 hrs. the extract is then filtered, the residue is expressed in a press for recovering the absorbed extract which is then filtered, all the extracts are mixed together before concentration, these extracts are concentrated to thick paste in a thin layer vapouriser under reduced pressure, the extract may be spray dried at a temperature ranging between 45-75°C to dry powder.

Compl. Specn. 9 pages

Drgn. Nil

Ind. Cl. : 55 E 4

177153

Int. Cl. : A 61 K-31/715

# AN IMPROVED PROCESS FOR THE MANUFACTURE OF HERBAL EXTRACTS OBTAINED FROM AYURVEDIC MEDICINAL PLANT SUCH AS "SHATAVARI".

Applicants : I.B. CHEMICALS & PHARMACEUTICALS  
LTD. NEELAM CENTRE, "B" WING, 4TH FLOOR HIND  
CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASH-  
TRA, INDIA

Inventors : (1) SHIRISH BHAGWANLAL MODY (2) BHARAT PRAVINCHANDRA MEHTA (3) PRANAB DINESH MODY (4) DR. SHASHIKANT AVANTILAL VASAVADA.

Application No. 229/Bom/1994 filed on May 18, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

### 3 Claims

An improved process for the manufacture of herbal extracts from Shatavari comprising the steps of grinding the dried roots of Shatavari in a powdered form in a hammer mill, the powdered active ingredient is extracted with the extracting solvent at pH 7-9.5 in a stainless steel vessel with continuous stirring, the extract is filtered and the residue is re-extracted in the same manner, the temperature of the extraction is maintained between 40—45°C, the residue is expressed in a press for removing the absorbed extract, in the active ingredient, the recovered extract is then filtered and all the filtered extracts are mixed together, the filtrate thus obtained is concentrated to a thick past or dry powder under reduced pressure at a temperature of 40—80°C to get maximum yield of the active ingredient with minimum degradation.

Compl. Specn. 8 pages

Digit. Nil



Ind. Cl. : 55 E

177154

7 Claims

Int. Cl. : A 61 K - 31/47.

AN IMPROVED PROCESS FOR THE PREPARATION OF 1-ETHYL - 6 FLUORO - 1, 4-DIHYDRO - 7-(1-PIPERAZINYL) - 4-OXO - QUINOLINE-3-CARBOXYLIC ACID.

Applicant : M/S. J. B. CHEMICALS & PHARMACEUTICALS LTD., "NEELAM CENTRE", "B" WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

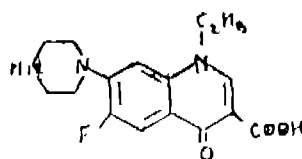
Inventor : (1) SHIRISH BHAGWANLAL MODY,  
(2) BHARAT PRAVICHANDRA MEHATA,  
(3) KAMLESH LALITCHANDRA UDANI,  
(4) DR. ATUL ANANT SHRIKHANDI.

Application No. : 283/Bom/1994 filed on Jun. 27, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

4 Claims

An improved process for the preparation of 1-ethyl-6-fluoro-1, 4-dihydro-7-(1-piperazinyl)-4-oxo-quinoline-3-carboxylic acid, represented by the formula I.



(I)

which is prepared by the reaction of 1-Ethyl-6-fluoro-7-chloro-1, 4-dihydro-4-oxo quinoline-3-carboxylic acid with anhydrous piperazine in a solvent such as pyridine. The anhydrous piperazine from 700 to 900°C, most preferably temperature of the reaction varies from 70°C to 90°C, most preferably it varies from 70-75°C to yield a compound of formula I. The hydrochloride compound of formula I, is prepared by dissolving the said compound in a lower alkanol such as isopropanol and adding an ethereal solution of hydrogen chloride to yield the hydrochloride of compound of formula I.

(Compl. Specn. 7 pages;

Drgns. Nil).

Ind. Cl. : 55 E

177155

Int. Cl. : A 61 K - 31/00.

AN IMPROVED PROCESS FOR THE MANUFACTURE OF THE EXTRACT OBTAINED FROM AYURVEDIC MEDICINAL PLANT, VIZ., KATUKI (PICRORHIZA KURROA).

Applicant : M/S. J. B. CHEMICALS & PHARMACEUTICALS LTD., NEELAM CENTRE, 'B' WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHRI SHIRISH BHAGWANLAL MODY,  
(2) SHRI BHARAT PRAVINCHANDRA MEHTA,  
(3) SHRI PRANABH DINESH MODY,  
(4) SHRI SHASHIKANT AVANTILAL VASAVADA.

Application No. : 313/Bom/94 filed on 05-7-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

An improved process for the manufacture of the therapeutically effective extract from 'Katuki' comprising of grading, shredding and powdering the dry rhizome and root of the plant Katuki, in a hammer mill, the extraneous material is removed manually, the powdered ingredient is mixed with extracting solvent in a (304) stainless steel jacketed vessel provided with a stirrer for about 2-6 hrs and more of such extracting solvent is added, if necessary, to convert the mixture into a slurry which is stirred continuously for 18-24 hrs, the extract is filtered in a stainless steel sparkler filter, the residual mess is reextracted in a similar manner, the residual solvent mixture is stirred continuously for 8-12 hrs the extract is filtered and the residual mass is expressed to recover the absorbed extract, which is also filtered, all the said filtrates are mixed together this mixture is concentrated to thin film vaporiser under reduced pressure, the extract is converted to dry powder by spray drying at temperature not exceeding 55°C.

(Compl. Specn. 10 pages;

Drgns. Nil)

Ind. Cl. : 55 E

177156

Int. Cl. : A 61 K - 31/00.

"AN IMPROVED PROCESS FOR THE PREPARATION OF THE EXTRACT OBTAINED FROM THE AYURVEDIC MEDICINAL PLANT 'PIPPALI'.

Applicant : M/s. J. B. CHEMICALS & PHARMACEUTICALS LTD., NEELAM CENTRE, 'B' WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHIRISH BHAGWANLAL MODY,  
(2) BHARAT PRAVINCHANDRA MEHTA,  
(3) PRANABH DINESH MODY,  
(4) DR. SHASHIKANT AVANTILAL VASAVADA.

Application No. : 314/Bom/1994 filed on July 5, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

8 Claims

An improved process for the manufacture of the therapeutically effective extract from the Ayurvedic Medicinal plant "Pippali" comprising the steps of grading shredding and powdering the fruit or root of the said plant "Pippali" the powdered plant undergoes steam distillation process comprising of a perforated basket containing the powdered plant (fruit or root) outer (304) stainless steel jacketed vessel provided with an inlet for steam & heat exchanger through which cold water is circulated, the perforated basket containing the said plant is dipped partially in water and stem under pressure, is passed through the perforated basket, the condensate/distillate containing volatile oil is collected the two layers viz. volatile oil and water are separated by conventional methods the wet residue from the basket in the distillation unit is transferred to a (304) stainless steel vessel provided with a stirrer the extracting solvent is added if necessary and the mixture is stirred continuously for 18-24 hours, it is filtered in a stainless steel sparkler filter, the residue is reextracted in the extracting solvent by continuous, stirring for 8-12 hours, it is filtered and the residue is expressed in a press to recover the absorbed extract, which is filtered again and all the filtered extracts are mixed together, this mixture is concentrated in a thin film vaporiser under reduced pressure, if necessary it may be converted into a dry powder by spray drying at a temperature not exceeding 55°C, the volatile oil is collected from the said herbal plant by steam distillation, is mixed with the concentrated or dry powder extract to get a uniform mixture.

(Compl. Specn. 13 pages;

Drgns. Nil),

Ind. Cl. : 17 A 1, A 3

177157

Int. Cl. : A 23 L - 1/09, 1/00.

**IMPROVED PROCESS FOR PREPARING VITAMINIZED SWEET-AN-SOUR LEMON PICKLE RICH IN NATURAL VITAMINIZED 'A' 'B' & 'C'.**

Applicant : INDO-BIOTECH FOODS LTD., INDUSTRIAL ASSURANCE BLDG., CHURCH GATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : SHRI DILIP SHANTARAM LAHANUKAR.

Application No. : 338/Bom/94 filed on July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

**3 Claims**

Improved process according to this invention for preparing vitaminized sweet-and-sour lemon pickles having rich natural vitamins 'C' in lemon and rich natural vitamins 'A' and 'B' in respective Carrots and green gram with their coverings comprising the steps of :

- (i) pickling separately in known manner lemon mixed with salt, oil and spices to suit tests and allowing the admixture to get pickled and natured at room temperature for a period varying from 1 to 3 months;
- (ii) cutting lengthwise slices of carrots and mixing with whole green gram with their covering and separately pickling in salt admixed with chilli powder, turmeric, asafoedite, fennugreek, mustard seed powder and oil to suit tests and palate and allowing the admixture to get pickled at room temperature;
- (iii) mixing thoroughly the pickled lemon of step (i) with pickled product of step (ii) just before vacuum packing in bottle or the like container such that natural vitamins 'A' in pickled carrots and natural vitamin 'B' in pickled green gram get thoroughly mixed with natural vitamin C in pickled lemon giving sweet-and-sour spicy tests for the palate and characterized in that said pickled carrot slices and/or said whole green gram do not become soggy or tasteless.

(Compl. Specn. 7 pages;

Drgns. Nil).

Ind. Cl. : 83 A 1 [XIV (5)]

177158

Int. Cl. : A 23 L-1 00.

**IMPROVED PROCESS FOR MANUFACTURING NATURAL ROSE SYRUP.**

Applicant & Inventor : DILIP SHANTARAM DAHANUKAR AN INDIAN CITIZEN, INDUSTRIAL ASSURANCE BUILDING CHURCH GATE, BOMBAY-400 020 MAHARASHTRA, INDIA.

Application No. 339/Bom/94 filed on 25-7-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-13.

**2 Claims**

Process for manufacturing natural rose syrup comprises the steps of :

- (i) allowing to get mature for a period varying from 1-3 months in an air tight sealed container a layer of equal quantity of pink rose petals of the Demasina variety alternately spread and interleaved with layer of equal quantity of sugar and in like manner alternately spreading plurality layers of rose petals and sugar laid in said container to form a matured sandwich pack without addition of any chemicals or artificial colours of flavouring essences;

(ii) emptying the product of step (i) into a container and adding viscous sugar syrup of not less than 55 Brix in the proportion of 10-15% of product of step 1 with 90-85% sugar syrup and vigorously stirring in a homogenizer to form a slurry;

(iii) heating the homogenized mass of step (ii) in a steam jacketed stainless steel vessel at a temperature less than 60 deg. C.;

(iv) sieving the product of step (iii) by using a known positive pump and adding to the filtrate 2-5% kokum syrup with 95% concentration by weight of the product of step (iii) and vigorously stirring in a stirrer to impart natural pink colour of kokum to the rose syrup before filling in air tight bottles.

(Comp. Specn. 6 pages;

Drg. Nil.)

Ind. Cl. : 55E

177159

Int. Cl. : C07 C 57/30

C07 B 57/00.

**AN IMPROVED PROCESS FOR THE PREPARATION OF PHENYLPROPYLAMINE.**

Applicants : MS. J. B. CHEMICALS & PHARMACEUTICALS LTD., NEELAM CENTRE, 'B' WING, 4TH FLOOR, HIND CYCLE ROAD, WORLI, BOMBAY 400 025, MAHARASHTRA, INDIA, AN INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT.

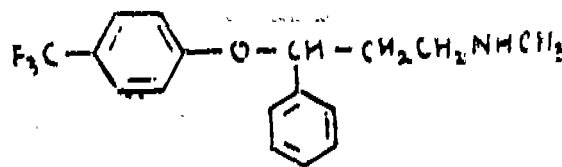
- Inventors :
- (1) MR. SHIRISH BHAGWANLAL MODY
  - (2) MR. BHARAT PRAVINCHANDRA MEHTA
  - (3) MR. KAMLESH LALITCHANDRA UDANI
  - (4) DR. MUKESH VENUBHAI PATEL
  - (5) DR. RAJENDRA NAMDEV MAHAJAN.

Application No. 282/Bom/94 filed on 27-6-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-13.

**5 Claims**

An improved process for the preparation of N-methyl-3-(p-trifluoromethylphenoxy)-3-phenylpropylamine having formula I,



comprising of reducing -β dimethylamino propiophenone to give N, N-dimethyl-3-phenyl-3-hydroxy propylamine, the hydrochloride of this compound is reacted with thionyl chloride to give the corresponding chloro derivative, the reaction of the chloro derivative with p-trifluoromethylphenol gives dimethyl derivative of formula I, the dimethyl compound is thereafter treated with cyanogen bromide to give N-cyano derivative which is hydrolysed in aqueous sodium hydroxide and methanol to give a compound of formula I.

(Comp. Specn. 10 pages;

Drgs. Nil).

Ind. Cl. : 55 E 2 &amp; E 4 [XIX (1)]

177160

Int. Cl. : C 12 N, 9/99.

ISOLATION OF D-AMINO ACID OXIDASE FROM TRIGONOPSIS VARIABILIS CELLS BY CHEMICAL EXTRACTION.

Applicants : HINDUSTAN ANTIBIOTICS LTD. PIMPRI, PUNE-411 018, MAHARASHTRA, INDIA.

Inventors : (1) SALIM K. MUJAWAR  
(2) VIYALOBRON K. SUDHAKARAN  
(3) DR. JAI PRAKASH G. SHEWALE  
(4) DR. GHANSHYAM D. TANDON &  
(5) DR. SURESH R. NAIK.

Application No. 386/Bom/94 filed on 11 Aug., 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-13.

## 2 Claims

A process for isolation of D-amino acid oxidase from cells of *Trigonopsis variabilis* which comprises of suspending the cells in phosphate buffer solution of molarity of 0.05 and pH of 8.0; adding to the slurry a nonpolar solvent such as butyl acetate or toluene to a final concentration up to 6.0% v/v, a polar solvent such as ethyl alcohol or butyl alcohol to a concentration up to 4.0% v/v, denaturing agent such as beta-mercaptoethanol to a final concentration of 100mM and surface active agent such as Triton-X-100 or Aliquot 336 to a final concentration of 0.5% w/v; agitating the resultant mixture at 37°C for 4 hours; centrifuging the slurry and dialysing the supernatant as herein described.

(Comp. Specn. 11 pages;

Drgns. Nil.)

Ind. Cl. : 127 A [LXV (1)]

177161

Int. Cl. : F 16 D 27/02  
H 01 H 3/56.

## AN IMPROVED ELECTRO MAGNETIC CLUTCH.

Applicants : KIRLOSKAR PNEUMATIC CO. LTD. HADAPSAR INDUSTRIAL ESTATE, PUNE 411 013, MAHARASHTRA, INDIA.

Inventors : (1) DR. VIKRAM GOVIND NABAR &  
(2) SHRI JANARDAN RAMCHANDRA THAKUR.

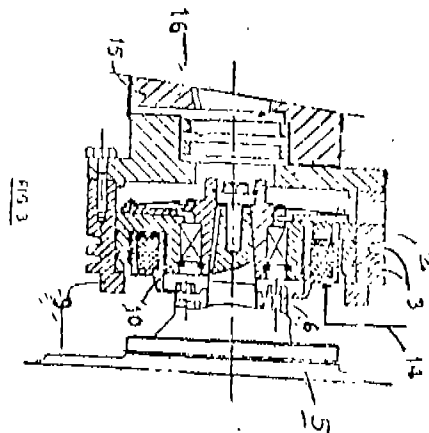
Applicant No. 131/Bom/93 filed Apr 29, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-13.

## 1 Claim

The electromagnetic clutch comprising main clutch assembly having a grooved hub for running plurality of 'V' belts to rotate armature or as a variation another set of grooves for rotating the said hub directly by another independent engine, the said clutch assembly is mounted on a compressor, characterised in that the said electromagnetic clutch comprises a star plate having plurality of segment attached to a concentric ring, the said ring having sufficient width for surface contact with the hub portion, there is provided a tapered bush, a key and a circumferentially provided electrical coil capable of being energised, the said clutch is mounted on the crank shaft of the compressor; a thermostat to sense the temperature and energise the coil to magnetise the clutch

plate which is attracted towards inner housing and rotates along with the inner housing which results in the rotation of the tapered bush and hence the crank shaft of the compressor of the airconditioning unit.



(Comp. Specn. 5 pages;

Drwg. 3 Sheets.)

Ind. Cl. : 94 I [XXXIII (1)]

177162

Int. Cl. : C 13 D 1/06.

## IMPROVED INTEGRAL FIVE ROLLER MILL FOR SUGARCANE CRUSHING.

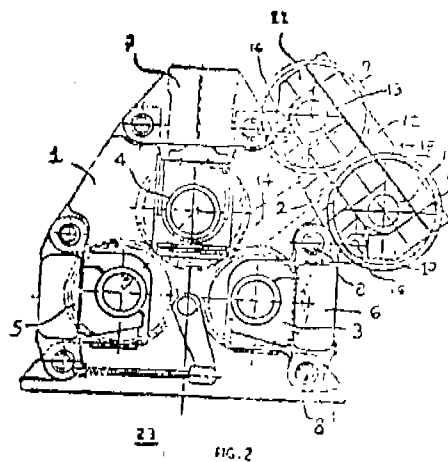
Applicant & Inventor : SHAHAJI BHANUDAS BHAD, J 179 MIDC, BHOSARI, PUNE 411 026, MAHARASHTRA STATE, INDIA.

Application No. 149/Bom/93 filed on May 13, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-13.

## 1 Claim

An improved integral five roller mill for sugarcane crushing comprising a mill head stock, top roller, discharge roller and feed roller, a pressure feeder unit comprising two or three rollers along with pressure chute and bearing housing, the said mill head stock is provided with an extended portion for directly mounting the said pressure feeder unit, the feed roller is mounted in the said mill head stock with side cap with the help of two sliding pins, the said cap is provided with forks at its both ends, arrangement being such that the overall width of the said extended portion of the head stock is kept less than the width of the said fork of the side cap.



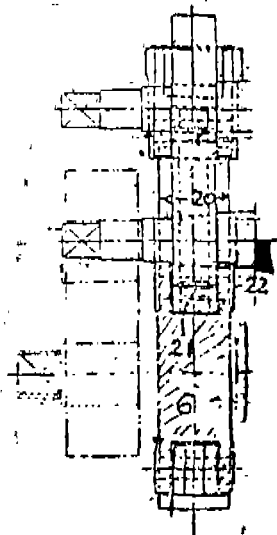


FIG 3

(Comp. Specn. 6 pages;

Drgs. 4 Sheets.)

Ind. Cl. 40 B [IV (1)]

177163

Int. Cl. : B 01 J 23/74.

**A METHOD FOR THE PREPARATION OF NICKEL/SILICA CATALYST.**

Applicant : HINDUSTAN LEVER LIMITED, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) BRIGITTE FELDHAUSER  
(2) WICHER TUMEN KOETSIER  
(3) CORMELIS MARTINUS LOK.

Application No. 296/Bom/93 filed Sep. 17, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

**9 Claims**

A method for the preparation of a nickel/silica catalyst having a molar ratio  $Ni/SiO_2$  of 10 to 2.5, optionally comprising magnesium and/or, in addition to silica, alumina as a supporting material for hydrotreating of organic compounds, in which method a water insoluble nickel compound optionally comprising magnesium is precipitated from an aqueous solution and combined with the supporting material, the resulting product being collected by filtration, washed, dried, and optionally calcined and reduced (activated), characterized in that a water insoluble compound comprising nickel and optionally magnesium is precipitated together with at least a small but effective amount of zinc to improve the activity and/or selectivity of the catalyst in the hydrogenation of unsaturated animal and vegetable fats and oils.

(Comp. Specn. 21 pages;

Drgs. Nil.)

Ind. Cl. : 173 B

177164

Int. Cl. : B 05 B 5/00, 5/02.

**"ATTACHMENT FOR SPRAYING SOLUTIONS CHARGED WITH POSITIVE IONS".**

Applicant & Inventors : DILIP SHANTARAM DAHANUKAR, AN INDIAN CITIZEN INDUSTRIAL ASSURANCE BUILDING, CHURCH GATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. 351/Bom/93 filed Oct 27, 93.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

**7 Claims**

Attachment for pressure operated sprayers for spraying liquid spray solutions charged with positive ions comprising a sprayer fitted with a lance carrying a spray nozzle and connected by a flexible tubing to outlet of pressure tank of sprayer wherein said lance being made of electrically non conductive plastic material and fitted with a pressure nozzle of noncorrosive conductive metal having a terminal post, an electronic DC pulse generator generating 10000-20000 DC Voltage from 6/9 Volt DC battery wherein positive of said pulse generator being connected to said nozzle terminal and negative thereof being connected to conductive metallic ball through a long metallic chain or a shoe plate nailed to a shoe sole forming Earthing.

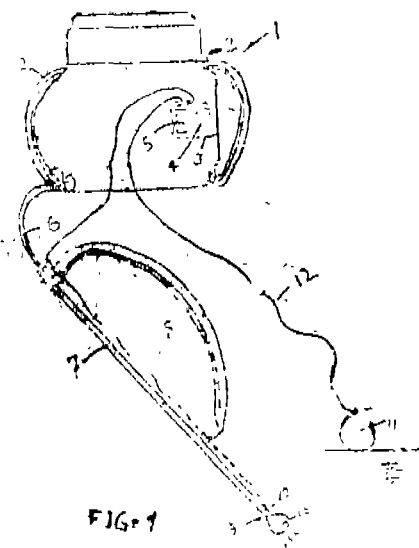


FIG 1

(Comp. Specn. 11 pages;

Drgs. 2 Sheets.)

Ind. Cl. : 55 B 2 Gr. [XIX (1)]

177165

Int. Cl. : B 65 B 55/00.

**A HIGH EFFICIENCY GAS FILTER FOR AN APPARATUS FOR CONTROL OF AIRBORNE PARTICULATES IN AN ENCLOSED WORK SPACE.**

Applicants : KLENZAIDS BIOCLEAN DEVICES (P) LTD., A-21, M.I.D.C. INDUSTRIAL AREA, STREET No. 3, ANDHERI (E) MUMBAI-400 093, MAHARASHTRA, INDIA, AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956.

Inventor : CHANDRU MANGHARAM SHAHANI.

Patent application No. 407/Bom/93 filed on 30-11-93.

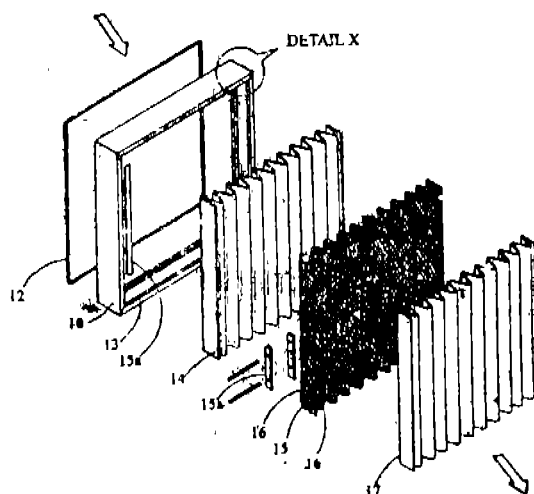
Complete after provisional specification filed on 12-10-94.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

**14 Claims**

A high efficiency gas filter for an apparatus for control of airborne particulates in an enclosed work place comprising two continuous sheets of filtering media having a plurality of pleats forming a filter pack or matrix, said filtering media having a high open area chargeable metal screen as the middle ply, the said filter pack or matrix together with the said

metal screen is placed in a lockable metal frame, chemically bonded with sealing compounds.



(Prov. Specn. 13 pages;

Drgs. 02 Sheets.)

(Comp. Specn. 15 pages;

Drgs. 04 Sheets.)

Ind. Cl. : 116 B, 6 [XLIX]

177166

Int. Cl. : B 65 B 35/50

B 65 H 39/00.

A COLLATING APPARATUS HAVING A TRANSFER DEVICE FOR A STACK OF FLAT ARTICLES.

Applicant : HINDUSTAN LEVER LIMITED, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) GEOFFREY WILLIAM YERNON  
(2) JAMES GOODWIN  
(3) DAVID SEAWARD  
(4) THOMAS WILLIAM BAILEY.

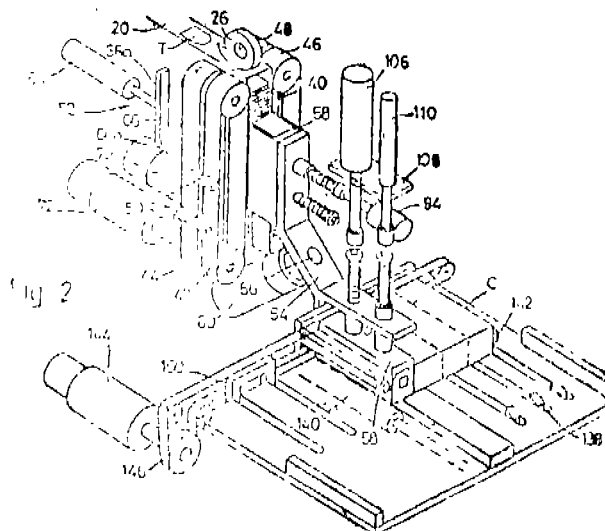
Application No. 408/Bom/93 filed Dec 12, 93.

U. K. Priority Convention date Nov 30, 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

9 Claims

A collating apparatus having a transfer device for a stack of generally flat articles comprising a downwardly extending guide for containing the articles as they are accumulated in a stack support means within the said guide extending downwardly from an upper entry region of the guide and displaceable with the accumulation of said articles within the guide to at least partly compensate for the increasing height of the accumulating stack, an engagement device being provided for engaging the top of a completed stack prior to its removal from the guide by a take off device to compress the height of the stack, and a transfer device for receiving the stack of articles removed from the guide and transferring them to a filling station while reorienting the stack in a substantially horizontal position prior to depositing the stack in a container at said station.



(Comp. Specn. 9 pages;

Drng. 6 Sheets.)

Ind. Cl. : 26. Gr. [XL III (1)]

177167

Int. Cl. : B 65 D 47/42.

A DEVICE FOR CLEANING FLAT SURFACES.

Applicant & Inventor : CHANDRAKANT LALJI GALA  
INDIAN NATIONAL OF 186, NARSHI NATHA STREET,  
MUMBAI-400 009, MAHARASHTRA INDIA.

Patent application No. 425/Bom/93 filed on 16-12-93.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

10 Claims

A device for cleaning substantially flat surfaces which comprises

a handle portion consisting of a receptacle in which cleaning fluid can be held; and

a head portion which can be removably fitted to the handle portion and comprising :

a spray nozzle, which can draw cleaning fluid from the receptacle in the handle portion for spraying the cleaning fluid on to a surface that is required to be cleaned with the device;

a sponge element for applying cleaning fluid on the surface to be cleaned and removing dust and grime from the said surface; and

a resilient wiper element for wiping the surface to remove the cleaning fluid, dust and grim from the surface.

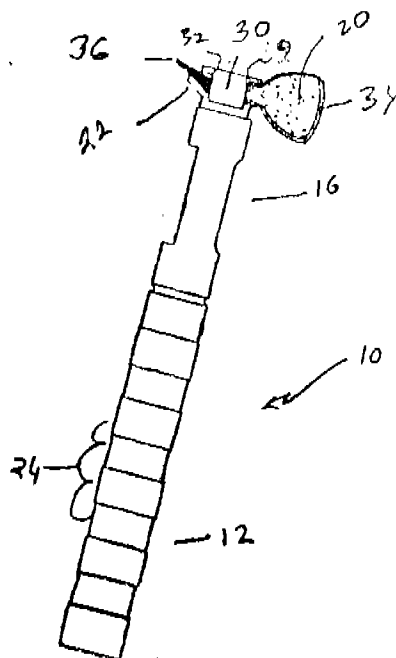


Fig. 1

(Comp. Specn. 9 pages;

Drwg. 2 Sheets.)

Ind. Cl. : 185 E (XVIII)

177168

Int. Cl. : A 23 F 3/16.

PROCESS FOR MANUFACTURING COLD WATER SOLUBLE & CHILL STABLE READY TEA.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) STEVEN ALPHONSE GOBBO  
(2) JOHN WILLIAM TOBIN  
(3) DOUGLAS ASHLEY BALANTINE.

Application No. 439/Bom/93 filed Dec 24, 93.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

10 Claims

A process for preparing stabilized acidified liquid tea products comprising :

- substantially dissolving in water to form a tea solution, a concentrated powdered tea product at a level of about 0.3% tea solids or less, said powdered tea product being obtained by reducing the moisture content of a tea solution to a level not exceeding about five percent by weight on a tea solids basis;
- acidifying said tea solution to a pH of about 4.5 or less, if said tea solution is not already at said pH and;

adding a sufficient amount of a high methoxy pectin to said acidified tea product to result in a total amount of said pectin in said acidified tea product of about 50 to 500 parts per million (ppm).

(Comp. Specn. 30 pages;

Drwg. 1 Sheet).

Ind. Cl. : 105 A Gr. [XLI (7)]

177169

Int. Cl. : B 42 D 05/04.

WALL CALENDAR.

Applicant & Inventor : ANAND RAMDAS SHIRALI INDIAN NATIONAL OF 2, RAOTE HOUSE, 1550, L. J. CROSS ROAD MAHIM, MUMBAI-400 016, MAHARASHTRA, INDIA.

Patent application No. 442/Bom/93 filed on 27-12-93.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

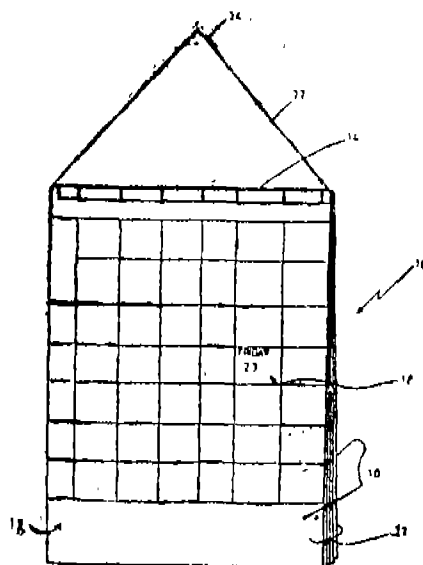
4 Claims

A wall calendar which comprises :

a plurality of elongate sheets each of the sheets being folded in the middle to provide a saddle and define two distinct sheet elements upon each of which at least information relating to one calendar month can be printed or otherwise applied;

staples provided on the saddle to secure the plurality of elongate sheets together; and

a flexible elongate thread element in the form of a continuous loop through which the secured plurality of sheets can be removably looped to enable the wall calendar to be hung on a suitable peg across which the thread element is slung.



(Comp. Specn. 8 pages;

Drwg. 2 Sheets).

Ind. Cl. : 3 A Gr. [XIV (1)]

177170

Int. Cl. : A 23 L-2/26;

B 01 F-1/00.

METHOD OF CARBONATING A STERILISED LIQUID PRODUCT.

Applicant : HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) SIMON MARTYN GOTHAM  
(2) PAUL ANTHONY HAYWOOD

Patent Application No. 20/Bom/94 filed on 24-1-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

#### 8 Claims

A method of carbonating a sterilized liquid product, comprising sterilising the product, performing an initial carbonation of the product under sterile conditions, aseptically filling a container with the product, adding to the container an appropriate amount of a sterile substance capable of generating carbon dioxide gas so as to perform a second carbonation, and sealing the container.

(Compl. Specn. 9 pages;

Drgs. Nil.)

#### CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 Application No. 658/Del/86 (170741) PIAGGIO & C.S.P.R. has been allowed to proceed in the name of PIAGGIO VEICOLI EUROPEI S.r.l., Italy.

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156175 granted to Asea Brown Boveri Ltd. for an invention relating to "two phase solar heater".

The patent ceased on the 5th September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th July, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156178 granted to Asea Brown Boveri Ltd. For an invention relating to "two phase solar absorber panel, method of manufacturing the same and solar collection having the same".

The patent ceased on the 5th September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th July, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156938 granted to Asea Brown Boveri Ltd. for an invention relating to "a device for measuring the frequency of an input voltage".

The patent ceased on the 1st September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th July, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167489 granted to Stockholm Trade Company Aktiebolag for an invention relating to "a process for the preparation of a composition for use in protective coating of substrates".

The patent ceased on the 20th November, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173731 granted to Surendra Rhudayaniwas Kotkar for an invention relating to "an improved portable auto service lift jack".

The patent ceased on the 19th September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173915 granted to K. P. Gandhirajan for an invention relating to "an improved catamaran".

The patent ceased on the 16th September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 175356 granted to A. C. Gunta & Mrs. Anju Kumar for an invention relating to "a DC linear displacement transducer".

The patent ceased on the 19th May, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 175401 granted to North Star Ice Equipment Company (India) Pvt. Ltd. for an invention relating to "an apparatus to produce and deliver slush ice".

The patent ceased on the 7th June, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th November, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 23-1-1997 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### RENEWAL FEES PAID

157332 157983 158610 158794 158813 158997 159034 159789  
160082 160555 160660 160842 161061 161330 162244 162358  
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174857 174948 174995

#### PATENT SEALED ON 01-11-96

176385 176387 176389 176390 176392 176393 176394\*  
176396 176398\* 176404\* 176405 176406\* 176408 176409

CAL—NIL, DEL—05, MUM—09, MAS—NIL

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 1. No. 170630, Precimet Diamonds (India) Limited of 1106, Panchhratna, Mama Paramanand Marg, Opera House, Bombay-400 004, India, "TOKEN", 24th January 1996.

Class 3. No. 168952, Motorola, Inc., a Corporation of the State of Delaware, U.S.A., of 1303 East Algonquin Road, Schammburg, Illinois 60196, U.S.A., "DATA COMMUNICATIONS DEVICE HOUSING", 24th March 1995.

Class 3. No. 169861, MRF Limited, 124 Greama Road, Madras-600 006, Tamilnadu, India, "PRECURED TREAD RUBBER", 15th September 1995.

Class 3. No. 168568, Stand'pack Pvt. Ltd., 25 Community Centre, East of Kailash, New Delhi-110 065, India, "POUCH", 2nd January 1995.

Class 3. No. 170419, The Procter & Gamble Company, a Corporation organized and existing under the laws of the State of Ohio, U.S.A., of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A., "MENSTRUAL PAIN RELIEF PAD", 18th December 1995.

Class 3. No. 170838, The Goodyear Tire & Rubber Company, a corporation organized under the Laws of the State of Ohio, with offices at 1144, East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE", 7th March 1996.

Class 3. No. 170925, Patton Tanks Limited, of 3C Camac Street, Calcutta-700 016, West Bengal, India, "TRAFFIC CONES", 19th March 1996.

Class 3. No. 170876, MRF Limited, an Indian Company, 124, Greams Road, Madras-600 006, India, "TYRE", 13th March 1996.

Class 12. No. 170100, Mahi Pal Gupta, Autopal Industries Ltd., E 195(A) RICO Industrial Area, Sanganeer, Jaipur, Rajasthan, India, Indian, "LIGHT FIXTURE", 1st November 1995.

Class 12. No. 170285, Taurus Merchandising Pvt. Ltd., an Indian Company of E 15, South Extension Part II, New Delhi-110 049, India, "QUILT/BED-SPREAD", 24th November 1995.

T. R. SUBRAMANIAN  
Controller General of Patents,  
Designs & Trade Marks

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